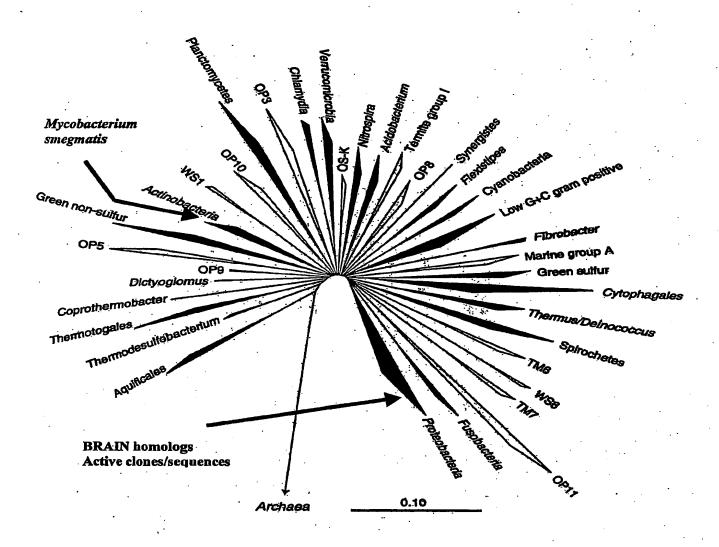


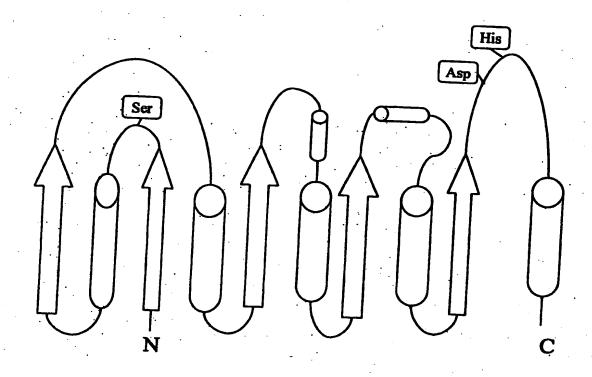
FIGURE 2

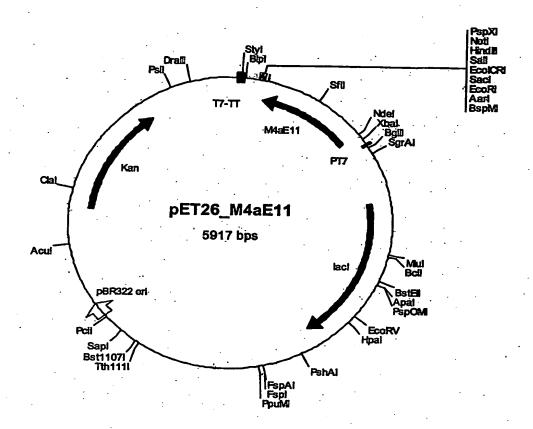






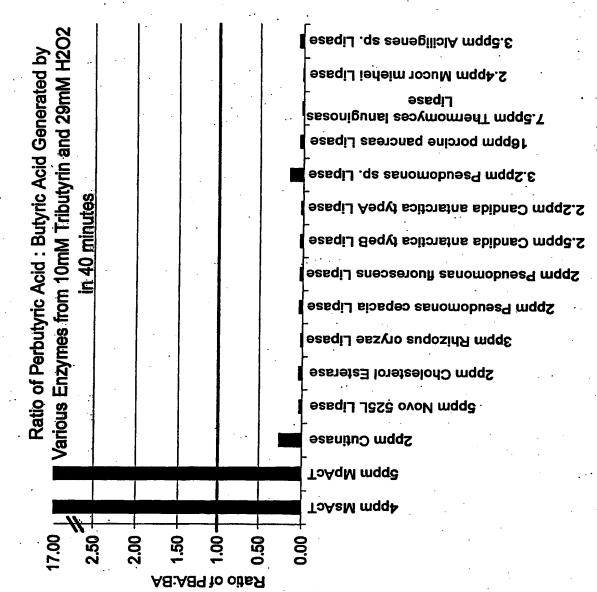






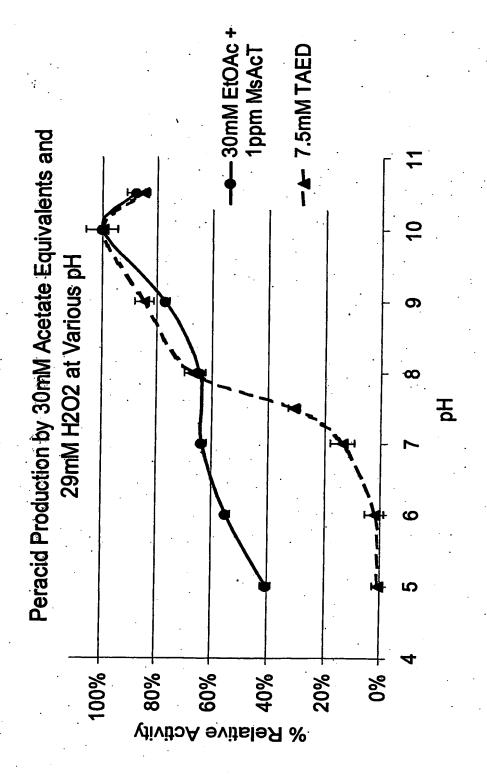
| Crude | Volume (ml) | Protein (mg/ml) | Total Protein (mg) | pNB Activity d410/min/ml | SpAc · d410/min/mg | Total activity d410 | Recovery (%) | Purification (fold) |
|-----------------|----------------|--------------------|-----------------------|-----------------------------|--------------------|------------------------|--------------|------------------------|
| extract 55C | 128 . | 7.5 | 960 | 3840 | 512 | 491520 | 100 | 1.0 |
| 10min Phenyl | 118 | 5.4 | 637 | 3760 | 696 | 443680 | 90 | 1.4 |
| seph HQ | 241 | 0.37 | 89 | 1700 | 4595 | 409700 | 83 | 9.0 |
| Anion | 0.74 | 22.7 | 17 | 250000 | 11013 | 185000 | 38 | 21.5 |



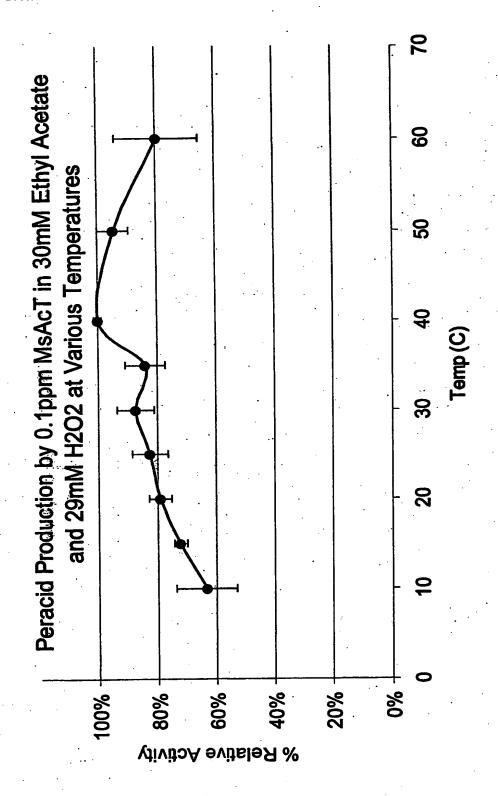


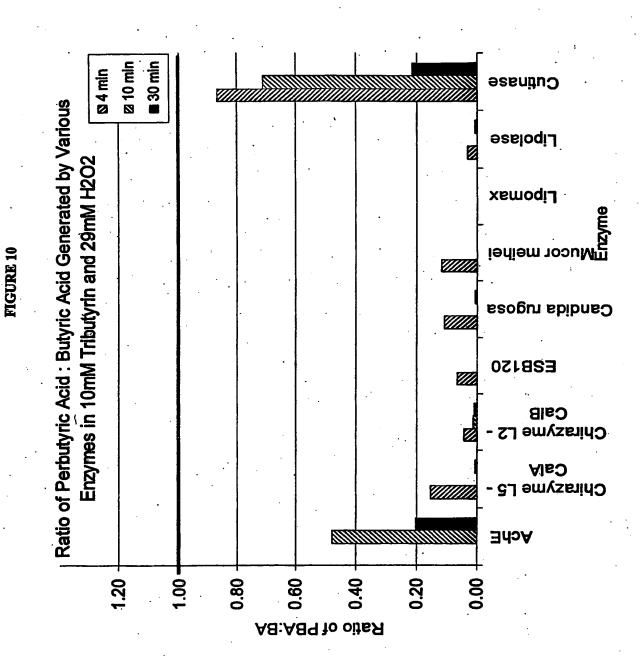
7/18





8/18





10/18



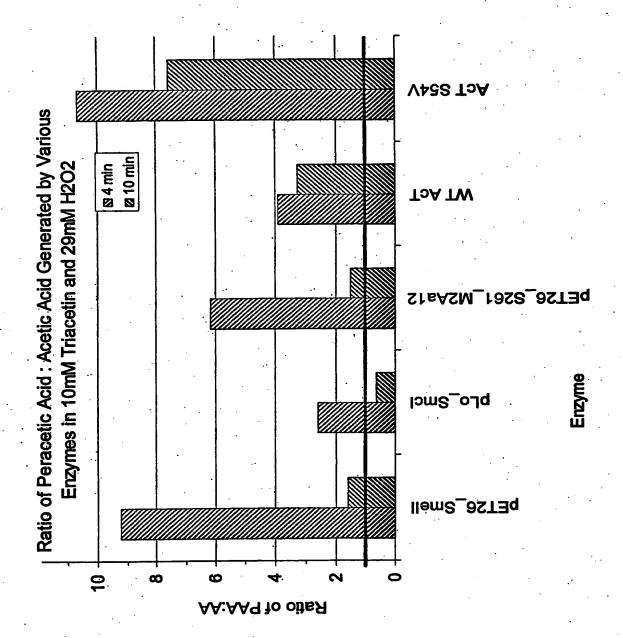


FIGURE 12

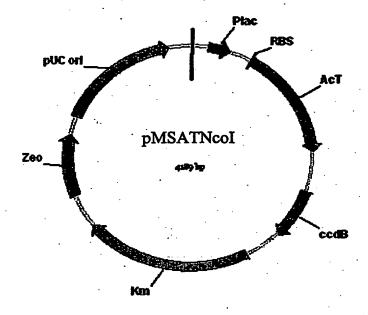


FIGURE 13

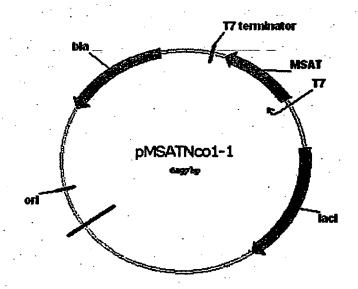
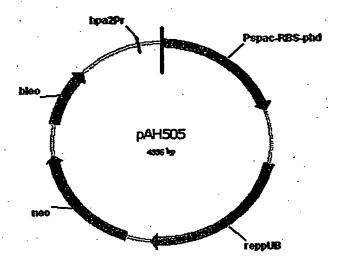
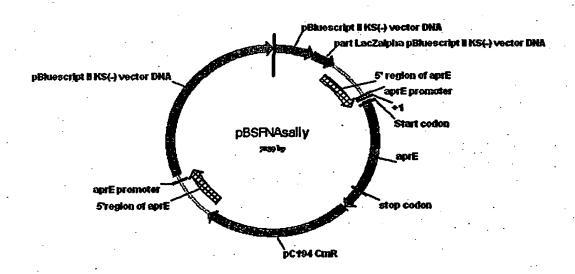
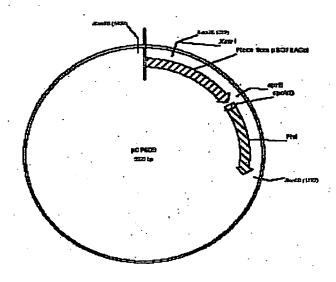


FIGURE 14







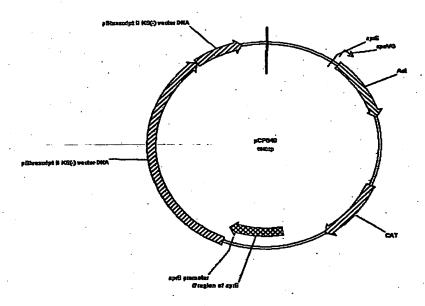
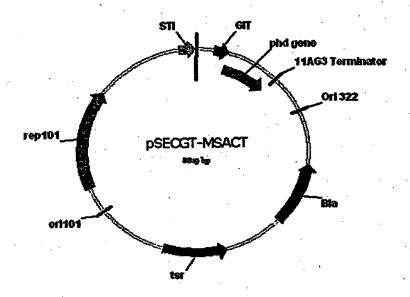
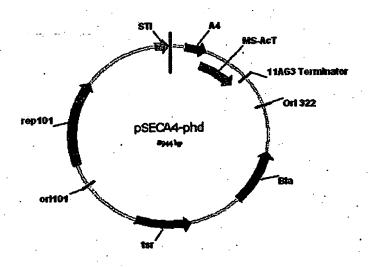
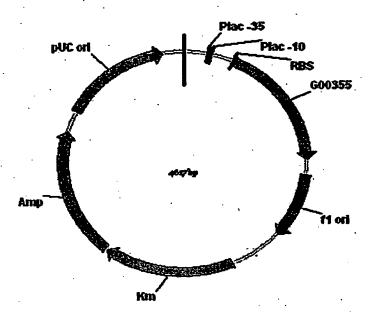


FIGURE 18







· FIGURE 21

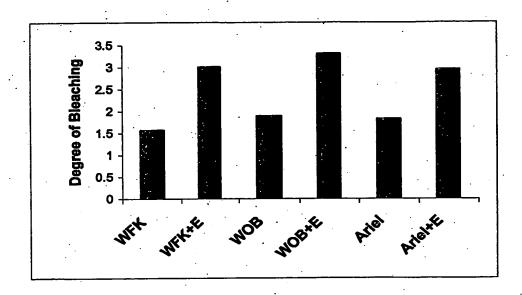


FIGURE 22



